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# MADRAS RECORD OFFICE.

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## Government of Madras.

Public Works DEPARTMENT.

G.O. No. 1485 Press ~~Mis.~~

2-18-2-19

Dated 10-6-1863.

***Not to be folded or roughly handled***

## *Proceedings of the Madras Government, Public Works Department, 10th June 1863.*

No. 218. Read the following List from the Chief Engineer :—

List of unanswered Orders. | (Here enter 30th April 1863, No. 6,765.)

No. 219. ORDER THEREON, 10th June 1863, No. 1,485.

1. The above list containing the Orders of Government of more than three months standing unanswered by the Chief Engineer and Deputy Chief Engineers, refers to the half year ending 30th September 1862.

*Northern Circle.*

20th April 1861, No. 799.
3rd October 1862, No. 2,370.
To give detailed information regarding the exploration of the Upper Godavery.

5th June 1862, No. 1,265.
To submit a report of the effects of the flood drainage upon the works denominated "Road Dams" between Nellore and Goodoor.

22nd July 1862, No. 1,753.
To furnish the Government with sufficient information regarding the works on the Godavery for the improvement of the navigation of that river.

*Southern Circle.*

5th March 1858, No. 390.
23rd October 1862, No. 2,529.
To submit Plans and Estimates for a Central Prison at Cannanore.

12th March 1862, No. 416.
To submit charts of the beds of the rivers Cauvery and Coleroon for some miles both above and below the Anicuts by which they are crossed.

2. The Orders noted in the margin have been omitted from the list without any explanation. The Superintending Engineers concerned are requested to include the 2nd, 4th, and 5th in their future lists, and to omit the 1st and 3rd in consequence of the transfer of the Upper Godavery works to the Central Provinces.

*Northern Circle.*

23rd February 1856, No. 265.
Calls for certain information with regard to four roads in Rajahmundry.

17th September 1856, No. 1,674.
Calls for a revised Estimate for effecting the junction of the East Coast Canal with the Southern High Level Channel at Inkole.

19th November 1857, No. 2,128.
16th „ 1861, „ 2,130.
Calls for a revised Estimate for a metalled road from Nursapoor to Uttale in Rajahmundry.

11th May 1859, No. 1,130.
Calls for an Estimate for fitting up the Steamer "Trevelyan" purchased for the use of the Godavery District.

5th April 1859, No. 804.
Requests that Estimates may be submitted for the completion of certain roads in Vizagapatam.

26th October 1859, No. 2,524.
4th November „ „ 2,594.
Calls for Plans and Estimates for the proposed new Workshops at Dowlaishwaram.

13th December 1859, No. 2,891.
Requests to submit an Estimate of the value of the building and ground tendered for sale by Mr. Watson for a Commissariat Godown at Cocanada.

3. The Deputy Chief Engineer, Northern Circle, requests permission to omit these Orders from future lists, but the Government cannot consent to do this on the brief remarks entered opposite to them in the return under review. If an Order is required to be struck off the list, the circumstances rendering such a measure necessary should be laid before Government in a separate letter. This course will now be followed by the Superintending Engineers concerned.

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| 2nd March 1860, No. 458.<br>To report whether a Canal independent of the Coast Canal could be carried out from the Pennair towards Madras. | |
| 19th March 1861, No. 639.<br>3rd October 1862, ,, 2,370.<br>To submit a Plan and Estimate for a Taluq Cutcherry at Atmakur in the Nellore District. | |
| 3rd September 1862, No. 2,098.<br>20th October ,, ,, 2,495.<br>Desires that the Deputy Chief Engineer, Northern Circle, will send in Plans, &c., illustrative of the proposed tscheme for throwing a bund across the Pulica Lake.<br>22nd February 1861, No. 359.<br>Calling for an Estimate of the outlay required for the experiment of re-establishing a Sanitarium at or near Grant's Range on the Gallipurvatum, &c. | 4. The application for permission to omit this Order from future lists will be referred to the Military Department, by which Department the call was originally made. |
| 17th June 1861, No. 1,116.<br>3rd October 1862, No. 2,370.<br>Calls for a report of the expeditions of the "May Flower" up to the Devulmurry barrier.<br>21st June 1861, No. 1,135.<br>Requests to submit an Estimate of the entire scheme in furtherance of the Upper Godavery navigation project.<br>9th November 1861, No. 2,146.<br>Requests to obtain a further supply of the mineral No. 2, in order that its gas yielding capabilities may be further tested.<br>11th January 1862, No. 3.<br>Requests to submit a Progress Report of the operations on the Upper Godavery.<br>24th February 1862, No. 292.<br>3rd May ,, ,, 938.<br>Requests to be furnished with a quarterly Statement showing the Officers and Subordinates employed in the Upper Godavery and the mode of their employment. | 5. Permission is granted to omit these Orders from future lists in consequence of the transfer of the Upper Godavery works to the Central Provinces. |
| 30th May 1860, No. 1,124.<br>Paragraph 4. Calls for a report on the means of keeping open the Godavery navigation.<br>12th December 1860, No. 2,379.<br>30th April 1861, ,, 870.<br>To submit explanation respecting the accounts of the sale of Salt at the Godavery showing the loss by wastage, if any.<br>26th October 1859, No. 2,524.<br>4th November ,, ,, 2,594.<br>To submit Estimates for completing roads and water communication between Cocanada and Coringa.<br>11th September 1861, No. 1,690.<br>Requests to expedite the submission of the report regarding the establishment necessary to supervise the distribution of the water in the Godavery and Kistna. | 6. If by the remarks "obsolete" and "they are now out of date" entered opposite to these Orders, it is intended that they should be removed from future lists, the course pointed out in paragraph 3 of these Proceedings should be followed by the Superintending Engineer of the 1st Division. |
| 24th January 1862, No. 60.<br>Requests to obtain and submit from the District Engineer of Nellore a full report on | |

each of the roads referred to by the Collector together with full explanation of the circumstances mentioned in paragraph 4 with regard to the maintenance of a portion of Trunk Road No. 6.

To submit Plans and Estimates of roads from Nellore to Kistnapatam and Eskapilly.

3rd June 1862, No. 1,247.

To report specially the results of the new channel in connection with the Gubbada projects in the District of Vizagapatam.

16th July 1862, No. 1,696.

To report upon the rates of tolls on passengers and cargo boats plying on the Canals in the Godavery District after consulting both with the District Engineer and Collector.

8th April 1862, No. 715.

To submit an Estimate for two paddle boats in the Godavery District.

15th April 1862, No. 772.

To submit an application for funds after the close of the current official year for metalling the road from Nundial towards Cuddapah.

7. These Orders having been replied to, permission is granted to omit them from future lists.

13th March 1861, No. 508.

To furnish for submission to the Home Government Photographic views of the works in the Godavery and Kistna.

8. It is upwards of two years since this Order was issued. The Deputy Chief Engineer, Northern Circle, in his letter of 31st October 1862, No. 445, hoped to have the views ready by the following month. The particular attention of the Superintending Engineers of the 1st and 2nd Divisions is now called to the subject.

*Central Circle.*

19th November 1859, No. 1,575.

Requests that the District Engineer be called upon to prepare a skeleton map of the Canara District according to the new distribution proposed by Mr. Pelly and to submit the same for the information of Government.

7th January 1861, No. 29.

Requests to report on the result of the arrangements sanctioned in regard to the renting of the wood wharf at Chintadrepett.

25th April 1861, No. 845.

Calls for report on the state of the Guindy Jailor's House.

28th February 1862, No. 328.
3rd October „ „ 2,370.

Requests to submit an Estimate of the probable cost of completely eradicating the Prickly pear at Palaveram.

13th March 1862, No. 432.

Asks to know the period which will elapse before the additional land required for the Anicut across the Jiggley Nullah in Bellary will be taken up.

*Southern Circle.*

8th May 1858, No. 607.
15th April 1857, „ 682.
26th May 1858, „ 997.
5th Nov. 1861, „ 2,048.
3rd Oct. 1862, „ 2,370.

Requests re-consideration of the Meerinjipett Anicut Project.

21st October 1856, No. 1,932.
3rd Do. 1862, „ 2,370.

Directs that Mr. Fraser's survey of one of the two sites for Reservoirs for the storage of water in Coimbatore and an Estimate for a Dam and subsidiary works be submitted.

9. The Superintending Engineers concerned are requested to expedite the submission of their replies to the Orders marginally noted.

2nd December 1859, No. 2,812.

Requests to submit the opinion of the Collector on the proposal to abandon the Toopoor station and to construct one at Adamancotta in lieu.

22nd January 1862, No. 42.

Requests that a report on the state of the Arasadi salt road in Tinnevelly authorized to be covered with coral stone may be furnished after the experience of a year's traffic.

18th August 1862, No. 1,962.

Calls for Plans and Estimates for constructing a road from the foot of the Travancore Hills near Goodalore in the Cumbum Valley, Madura District.

11th June 1861, No. 1,080.

Calls for Plan and Estimate for the repair of the Pommel Tank.

18th December 1861, No. 2,328.

Requests the Chief Engineer to have the requisite Surveys and Plans, &c., prepared for the restoration of the Pommel Tank near Palaveram.

10. The Superintending Engineer of the 4th Division is requested to state what progress has been made in the preparation of the Plans and Estimates called for in the Orders of Government noted in the margin.

*Periodical Returns.*

List of Architectural Remains.

11. The list from the Deputy Chief Engineer of the Northern Circle has been received, and the Superintending Engineers concerned are requested to submit their lists without further delay.

Charts of the beds of the rivers Godavery and Kistna, Cauvery and Coleroon.

12. The Deputy Chief Engineer of the Northern Circle has submitted sketches showing the beds of the Kistna, and the Superintending Engineers of the 1st and 6th Divisions are requested to submit charts of the other three rivers at an early date.

13th March 1857, No. 255.

Desires that, when the boundaries of the several Zemindaries shall have been laid down, the omission which still exists in the tabular Statement of area of each Collectorate may be supplied.

23rd December 1858, No. 2,777.

Calling for a report on the Records of the Cantonment Plans kept in the Central and Executive Engineers' Offices.

18th June 1860, No. 1,287.

Communicating for remarks or suggestions paragraph 6 of an Order of Government in the Military Department regarding the ventilation required to Hospitals.

30th July 1861, No. 1,509.

Requests to be furnished with information on the subject of Officers holding purely Civil appointments receiving a fixed consolidated salary not varying with their Military rank.

4th October 1861, No. 1,825.
17th June 1862, „ 1,376.

Awaits the further reports promised by the Chief Engineer as to the manner in which Mr. Kennedy's services may be more profitably utilized.

A.

17th April 1862, No. 798.

To report whether it would be advisable to build temporary sheds instead of granting Office rent to the Officers of Department Public Works.

13. In the Orders marginally cited the late Chief Engineer was requested to submit certain reports and information. In consequence of the abolition of the appointment of the Chief Engineer, the Secretary to Government in this Department has undertaken to furnish replies to those marked A. Those marked B will be taken up by the Superintending Engineers concerned.

5th June 1862, No. 1,264.

To report to Government the result of the Committee's Proceedings respecting the timber to be purchased for the use of the Department Public Works.

19th June 1862, No. 1,395.

Paragraph 2. Requests the Chief Engineer to submit a Statement of the outlay in each District on account of "Extra Establishment" during the year 1861, prepared under the following heads :—

(1.) Those not directly employed as workmen.

(2.) Those actually employed as such and whose salaries are charged under the head "Extra Establishment."

Paragraph 3. Requests also to report in what manner he proposes hereafter to meet the salaries of those (not actually workmen) who have hitherto been employed on works and paid from sanctioned Estimate.

4th July 1862, No. 1,564.

Requesting the Chief Engineer to report whether there is still any necessity for sending the 12 Horse Power Pumping Engine called for by the Secretary of State.—4th Division.

11th August 1862, No. 1,906.

To submit a report at the close of one season on the result of the shutter to one of the head sluices in the Babberlunka of the Godavery Anicut.—1st Division.

26th August 1862, No. 2,936.

To submit Plans and Estimates for flushing the drains of the European Barracks at Cannanore and Bellary.—3rd and 7th Divisions.

17th September 1862, No. 2,227.
9th February „ „ 323.

Paragraph 5. To report the number of Steam Dredges that are actually required in the District of Godavery, &c.—1st Division.

Paragraph 7. To state also what number of boats are required for the Godavery works.—1st Division.

30th September 1862, No. 2,340.

Awaiting the report of the result on the experiment made by the Horizontal Wind Engine at Chepauk Compound.—4th Division.

B.

*Chief Engineer.*

27th March 1857, No. 563.
1st May „ „ 839.
11th August „ „ 1,559.
9th July 1862, „ 1,601.
8th Sept. „ „ 2,149.

Calls for lists of Neranicum Establishment.

3rd September 1862, No. 2,103.
18th Do. „ „ 2,237.

To submit the opinion of all District Engineers on the subject of the cashing of cheques by Tahsildars and the security which the system affords against fraud.

*Northern Circle.*

25th June 1860, No. 1,331.
To report on the effect of the groynes in protecting the lands endangered by the encroachments of the Pennair at Nellore, &c.

8th January 1859, No. 68.
2nd October 1860, ,, 2,046.
To report on the surface friction of boats in the Godavery.

*Central Circle.*

17th October 1861, No. 1,912.
Requests to report whether the Lantern for the Pulicat Light-house has been fixed and the light exhibited as yet.

14. These Orders should have been included in the list as they were not replied to within the period for which the list is submitted.

15. Opposite to many of the Orders inserted in the List the Government observe the entry of the same general remark, "vide letter to Government." This is very indefinite. The Government request that the Superintending Engineers will in future Lists, state distinctly whether the Order has been replied to.

16. There has been a delay of nearly four months in the submission of this list. The Superintending Engineers are requested to arrange for the punctual submission of future returns.

(Signed) W. I. BIRDWOOD, Colonel, R. E.,
*Secretary to Government.*

7.

List of Orders of Government for more than 3 months standing, remaining unanswered for the half year ending 30th September 1862.

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| 23rd February 1856 No. 265 | Calls for certain information with regard to 4 roads in Rajahmundry | Deferred - vide G.M.C. No. 2158, dated 14th Octr. 1858. Subject might be allowed to drop. |
| 17th Septr./56 No. 1674 | Calls for a revised Estimate for effecting the junction of the East Coast Canal with the Southern High Level Channel at Inkole. | Will be submitted on the receipt of the Project of the East Coast Canal. There being no immediate intention to carry out this work the subject might be allowed to drop. |
| 19th Novr./57 " 2128<br>1st " 1861 " 2130 | Calls for a revised estimate for a metalled road from Nursapoor to Attale in Rajahmundry. | Permission is requested to omit this from future Lists vide letters to Govt. Nos. 441, and 534 d/28th Octr. 1862 and 24th Jany. 1863 submitting estimates for the Canal |
| 11th May/59 " 1130 | P.7. Calls for an estimate for fitting up the Steamer "Trevelyan" purchased for the use of the Godavery District. | The Steamer was docked and repaired for Captn. Hay in Octr./62 at a cost of Rs. 10791-9-9 and is now being used for transit work on the Godavery river. Permission requested to omit this |
| 5th April/59 " 804 | Requests that estimates may be submitted for the completion of certain roads in Vizagapatam. | The Distt. Engr. states that these estimates are unnecessary Rs. 7965- |

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| | | is entered in the Budget of 1860-61 as an annual grant Permission required to omit. |
| 29th July 1859 No. 1804 | Calls for Plans and Estimate for a Cantonment at Vizagapatam | Awaiting decision of Govt. on proposal of Committee vide Dy. Chief Engr's endorsement 5th April vide also Order of Govt. No. 1803, 17th May /63. |
| 26th Octr. " " 2524<br>4th Novr. " " 2594 | Communicating a Minute by the Honorable the Governor and calling attention to the following points. (vizt.) | |
| | To submit Estimates for completing roads and water communications between Cocanada and Coringa | Estimates were received but with held owing to restrictive orders. can be forwarded if required but they are now out of date. |
| | For the remaining works for the completion of the Kistna and Godavery Deltas. | Report and Estimate under preparation. |
| | Plans and Estimates for the proposed new Workshops at Dowlaishwarum. | Deferred the old Workshops having been repaired. should be struck off. |
| | To submit a scheme for laying out the entire angle between the river and Canal as building land | Will be reported on, on the receipt of report from the Distt. Engr. |
| 7th Decr. " " 2850 | Directs that the District Engr. and the Officer who is to report on the harbours of the Godavery | A special reminder will be sent to the District |
| | and | Engr. |

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| | and Kistna Deltas shall make a joint report on the best means of converting the Fort ditch into a circular Canal and improving the approaches to it from the sea in connection with the Bezwadah and Masulipatam Canals in course of construction and to furnish an estimate of the cost. | Engrs. of Godavery and Kistna on this subject as no reply has been received from these Distt. Engrs. regarding this subject. |
| 13th Decr. 1859. No. 2891 | Requests to submit an estimate of the value of the building and ground tendered for sale by Mr. Watson for a Commissariat Godown at Cocanada. | There was a dispute regarding the party who was entitled to sell this building. It appears to be not yet settled - vide G.O. No. 2141, d/15th Octr. 1860. This estimate appears to be unnecessary now. |
| 2nd March 1860 .. 458 | To report whether a Canal independent of the Coast Canal could be carried out from the Pennair towards Madras. | This matter will be settled by the Irrigation and Canal Co. Permission is solicited to its being omitted in future lists. |
| 21st April " " 840 | Requesting that the necessary means may be adopted to obtain a full and trustworthy report of the capabilities of the Steamer "Sir Charles Trevelyan." | The Distt. Engr. Upper Godavery has been called upon to forward a full report as required by Govt. when his reply is received it will be sent to Govt. |
| 2nd May " " 905. | Communicating Despatch from the Home Govt. requesting to report on the subject of the measure proposed for the improvement of | Will be reported in connection with the Order of Govt. No. 2251, d/19th Feby 1862. The survey |

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survey

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| | of the town and port of Cocanada | Survey is in progress but has not yet been received. |
| 30th May/60 No. 1124 | P. 4. Calls for a report on the means of keeping open the Godavery navigation. | Will be attended to on the receipt of the report from the Distt. Engr. Obsolete |
| 12th Decr. " . 2379<br>30th April/61 . 870 | To submit explanation respecting the accounts of the sale of salt at the Godavery shewing what was lost by wastage, if any | Will be attended to on receipt of reply from the Distt. Engr. Obsolete |
| 19th Decr/60 . 2603<br>21st Jany/61 . 145 | To explain why a sum of Rs. 293-3-" is charged for superintendence for repairing the Nellore Tank and the Channel supplying the same and to explain particularly what items compose the charge for Superintendence referred to in the Chief Engrs. letter No. 8939 d/17th Jany. 1861. | Will be reported on when final bill is received. A reminder will be sent to the Distt. Engr. on this subject. |
| 22nd Feby/61 " 359 | Calling for an Estimate of the outlay required for the experiment of re-establishing a sanatarium at or near Grants range on the Galipurvatum (?) and for information as to cost incurred on the experiment at Harris valley. | Permission is requested to omit this from future Lists vide letter to Govt. No. 4457 d/30th Augt. 1861. |
| 27th Feby " . 391 | Calls for the report regarding the existing establishment which can be dispensed with to meet the extra charge for working the Nellore Head Sluice | Will be attended to, a reminder will be sent to the Distt. Engr. on this subject. A reference made to Distt. Engineer. |

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| 13th March /61 No. 508<br>3rd Octr. /62 " 2370. | To furnish for submission to the Home Govt. Photographic views of the works in the Godavery and Kistna ——— | In letter No. 445, d/31st Octr. 1862 Govt. were informed that the Distt. Engr. was called upon to furnish these papers. He has not done so, still a reminder will be sent to him reference to Distt. Eng |
| 19th March /61 " 639<br>3rd Octr. /62 " 2370. | To submit Plan and Estimate for a Taluq Cutcherry at Atmakur in the Nellore District. | Permission is requested to omit this from future Lists. Vide Pro. of Govt. No. 781, d/27th March 1863. |
| 22nd April /61 " 811 | To submit further promised report of the particulars of the accident which proved fatal to lives by the ferry steamer at Rajahmundry coming into collision with a passenger boat ——— | A special reminder has been sent to the Distt. Engr. Godavery a no reply has been received from him up to this date Reference made t Distt. Engineer. |
| 25th April " " 837. | To call upon the District Engineer Vizagapatam to go fully into the investigation so as to give a reliable estimate of the cost of executing different portions of works and an approximate estimate of the amount of water held up by the proposed anicut available for irrigation ——— | Will be attende to, on receipt of reply from the D Engr. A special reminder has been sent to Captain Chamb on this subject. |

Requests

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| 23rd May 1861 No. 973. | Requests that the Survey and Estimate for constructing a road from Sanakarakul to Sena-pore on the Mahanuddy river may be laid before Govt. at an early date | Govt. have permitted the deferring of this matter. Vide G.O. No. 876, d/11th April /63 |
| 17th June " " 1116<br>3rd Octr. /62 " 2370 | Calls for a report of the ex-peditions of the "May Flower" up to the Devulmurry barrier | A reminder has been sent to the Dist. Engr. for his reply. His attention will be again directed to the matter. Should be struck off |
| 21st June /61 " 1135. | Requests to submit estimate of the entire scheme in furtherance of the Upper Godavery navigation project | Estimates were sent to the Chief Engr. on the 30th March /63 by whom they were returned and a direction was given to send them to the Chief Commissioner Central Provinces. Should be struck off |
| 12th Augt. /61 " 1530 | Requests the Chief Engineer to give his opinion on the proposal to double the maintenance allow-ance to the East Coast Canal from Madras to Doogarazapatam | The Dist. Engr. has been called upon to supply this report when received it will be sent to Govt. |
| 5th Septr. " " 1664 | Asks whether it would not be better to abandon road from Masulipatam to Bezwadah on completion of the Canal | The attention of the Dist. Engr. will be called to this subject. Reminder sent. |

Requests

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| 4th Septr /61 No. 1690 | Requests to expedite the submission of the report regarding the Establishment necessary to supervise the distribution of the water in the Godavery and Kistna. | Vide letter to Govt. No. 5688 d/16th Feby 1863, submitting 3 statements for Neeranicum Establishments for all Districts. To be struck off |
| 9th Novr " " 2146 | Requests to endeavour to obtain a further supply of the mineral No. 2 in order that its Gas yielding capabilities may be further tested | Awaiting a supply from the Dist. Engr. of Upper Godavery. Should be struck off. |
| 31st Decr " " 2461<br>17th Septr /62 " 2223 | Requests that the Surveys of the Jeypore and Ryaguddah in Vizagapatam may be expedited and that Plans and Estimates for the same be submitted without delay | Estimates will be received shortly they have been called for, on receipt they will be sent to Govt. |
| 4th Jany /62 " 3 | Requests to submit any Progress Report of the operations on the Upper Godavery | The Dist. Engr. has been reminded that the report in question is due, when received it will be sent to Govt. Should be struck off. |
| 24th do " 60 | Requests to obtain and submit from the District Engineer of Nellore a full report on each of the roads referred to by the Collector together with full explanation of the circumstances mentioned in para 4 with regard to the maintenance | Replied to in letter No. 488 d/25th Novr 1862. |

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| | | maintenance allowance of a portion of Trunk Road No. 6 — | |
| | | To submit Plans and Estimates to Kistnapatam and Eskapilly roads — | Replied to in letter No. 488 d/ 25th Novr 1862 - |
| 31st Jany/62 | 99 - | Requests to submit the revised Estimate for the road from Ongole to Kotapatam — | Do. |
| 8th Feby | 161 - | Requests to submit the Survey of the line from Harris Valley to Jeypore as soon as it is completed — | The Govt wished to be informed of the date on which the Survey and Estimate for the road are likely to be laid before them vide G.O. No. 587 d/ 11th March 1863. The Distt Engr has been called upon to supply this information on the 14th March 1863 - |
| 14th do | 214. | Requests to instruct the Distt Engineer Kistna to dispose of the fuel belonging to the Steamer "Pioneer" for such sum as he may be able to obtain and submit Bill for the balance of the expenditure incurred — | Will be submitted when the Bill is received. |
| 19th do<br>27th Octr | 254<br>2551 | Expects the necessary Plans and Estimates being prepared by Captn Searle for the improvement of the Cocanada Harbour — | The attention of the Distt Engr has been directed to this subject in Mem: No. 763 d/ 10th April 1863 - |

Requests

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| 20th Feby/62 No 275<br>9th Decr. " 2955 | Requests to call upon the District Engineer of Kistna for a Survey and Estimate of the proposed new line of road from Inkole to Guntoor and also to state what portion of it can be carried into effect next year if funds be forthcoming —— | The District Engineer has been directed to submit Estimates on the 13th Decr/62 No 370. They have not been received yet, but will be called for, and on receipt, will be sent to Govt. |
| 24th do. " 292<br>3rd May. 938 | Requests to be furnished with a Quarterly Statement shewing the Officers and Subordinates employed in the Upper Godavery and the mode of their employment | The Statement has been furnished to Govt. vide letter to Govt. No 573, d/14th March 1863. Permission is solicited to omit this from future Lists. |
| 28th Do 324<br>22nd July. 1753 | Directs to call upon Captn. Haig to revise the Estimate for the work at the Central Barrier and to send in detailed Plans and Estimates for the works at the 2nd and 3rd Barriers. —— | Estimates were sent to the Chief Engr. on the 30th March/63 by whom they were returned and a direction was given to send them to the Chief Commissioner Central Province. |
| 4th March. 353 | Requests to forward at the close of each Official year a statement of actual receipts and disbursements of the Printing Press attached to the Godavery District. | Will be submitted for 1862-63 when received. |
| 12th do. 416 | Requests to instruct the District Engineers of Godavery and Kistna to submit once a year carefully prepared charts of | Charts will be submitted when received. Govt. have been addressed on |

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| | of the bed of the rivers for some miles both above and below the anicuts by which they are crossed. | this subject vide endorsement No. 622 of 14th April 1863. |
| 19th March 1862 No. 485 | To submit a statement (annually) exhibiting the effects of Pennaur anicut works on the cultivation and land revenue of the Nellore District. | Will be submitted. The attention of the Dist. Engr. has been directed to this subject on the 14th March 1863. |
| 24th do. " 547 | Awaiting the receipt of the Survey, Plans and Estimates for the formation of a road from Madras frontier at Santarakol to Sonapore on the river Mahanuddy. | Govt. have permitted the deferring of this matter vide G.O. No. 876 of 11th April 1863. |
| 31st do. " 623 | Requests to submit estimates for the erection of the new Artillery Barracks at Waltair. | The question of the location permanently of European Troops at Waltair is not yet decided upon. The Dist. Engr. has been authorized to pay the yearly compensation for land taken up for the new Cantonment at Waltair. |
| 8th April " 715 | To submit an estimate for two Paddle Boats in the District of Godavery. | Not required now vide Order of Govt. No. 2443 of 8th Sept. 1862. |
| 15th do. " 772 | To submit an application for funds after the close of current Official year for metalling the road from Nundial towards Cuddapah. | Application not necessary vide G.O. No. 1806 of 28th July 1862. |
| 30th do. " 873 | To report in what way the | A letter has been |

| | | |
|---|---|---|
| | the recreation of the British Soldiers at such stations of the Presidency where they are needed can be attained and at what expense in each and from what source the fund can be obtained | received from the Dist. Engr. Vizagapatam on this subject and forwarded to the Chief Engr. on the 30th Octr. 1862, who submitted it to the Qr. Master Genl. for his opinion. |
| 1st May /62 No. 890 | To furnish Plans of the three buildings for Police and Magisterial purposes in the District of Ganjam. | Will be submitted on the receipt of Plans. A reminder will be sent. |
| 17th do " 1075 | Directs to frame Estimates for improving the approaches from the East and west of the Munteral Canamah Ghat in the District of Kurnool. | The Dist. Engr. has been called upon to furnish these Estimates |
| 3rd June " " 1247 | To report specially the results of the New Channel in connection with the Gubbada Projects in the District of Vizagapatam. | The report has been received and sent to the Govt. on the 1st April 1863 and permission solicited to strike out the subject. |
| 9th June " " 1299 | Requests to supply the omission pointed out in the preparation of Registers of Irrigation for Nellore District and resubmit them at an early date. | The Collector has been called upon to expedite the despatch of these Registers when received they will be sent to Govt. |
| 17th June " 1376 | P.H. Awaiting the receipt of further surveys and other information for improving the Harbour of Coringa Bay | Proceeding with the Survey when received it will be sent to Govt. vide above |

To

| | | |
|---|---|---|
| 17th June /62 No 1379 | To ascertain and report whether the articles purchased and supplied from the Iron Bridge yard for Godavery works have been received and paid for and if so from what funds. | Will be settled by the Controller to whom it has been transferred. |
| 26th June " " 1490. | Requests to submit Plan and Estimate in communication with the Quarter Master General of the army to establish workshops for every Regiment and Battery of Europeans in this Presidency. | This matter is now under the consideration of the Govt. of India vide Order of this Govt. No 2433 d/13th Octr. 1862. |
| 16th July " 1696. | To report upon the rates of tolls on passengers and cargo Boats plying on the Canals in the Godavery District after consulting both with the District Engineer and Collector. | Report has been sent to Govt. No 593, d/26th March 1863. |
| 21st do 1747. | Awaiting the receipt of the copy of Proceedings and verdict of the court of Inquest on the body of the men who died at limestone quarry in the Upper Godavery District. | Letter written to Govt. on this subject No 582 d/18th March 1863. |
| 30th July " 1813<br>11th Augt. " 1901<br>11th Novr. " 2707. | Requests to obtain and submit the information called for by the Secretary to the Government of India on the different points connected with the navigable canal proposed for construction across the Godavery Delta. | The District Engr. has been called upon for the necessary information on the 14th Novr. reminder sent 11th April 1863. |
| 30th July " 1815 | Requests to obtain and | Explanation |

submit

19

| | | |
|---|---|---|
| | submit Captain Haig's explanation of the circumstances under which the workpeople were induced to leave Hyderabad Territories. | forwarded to Govt. vide No. 368, d/3rd March 1863. |
| 6th Augt. /62 No. 1861. | Calls the attention of the District Engineer Kistna to the remarks contained in paras 4 and 5 of Lieut. Col. Strachey's letter on the Irrigation works of the Kistna District. | The reply has been received and will be forwarded to Govt. shortly. |
| 3rd Septr. " " 2098. 20th Octr. " 2495. | Desires that the Deputy Chief Engineer Northern Circle will send in Plans &c. illustrative of the proposed scheme for throwing a bund across the Pulicat Lake. | The Board of Revenue will settle this matter vide their Proceedings to Govt. R. No. 8278, d/18th Decem 1862, vide G. O. No. 91 dated 14th April 1863 Permission is solicited to omit this from future Lists. |
| 4th Septr. " 2119. | Awaiting the receipt of further information regarding the river Channel under the Pennaur. | Reminder will be sent to the District Engineer. |
| 5th Septr. " 2130 | Awaiting the receipt of supplemental Estimate for completing the Godavery portion of the | Estimates have been received and will be shortly submitted to Government. |

the High Level or Ellore Canal.

Northern Circle Office
Chepauk
28th April 1863.

J. O. Chudlm(?) Lieut. Col. R.E.
Deputy Chief Engineer N.C.

To
Colonel W. I. Birdwood R.E.
Chief Engineer D.P.W.

From
The Dy Chief Engineer
N.C.
To
The Chief Engineer
D.P.W.

Dated 28th } April 1863
Recd }

No 153 -

List of Orders of Govt for more than 3 months standing, remaining unanswered for the half year ending 30th September 1862 -

P. W. 1863 Deptt
Proceedings for June -
From, No. 1247.
The Chief Engineer D. P. W
To, The Secretary to Govt. P. W. D.

Dated 30th April 1863
Recd. 2d May "

No. 6765

B.

List of Unanswered orders.

No. 1485 - 10th June -

No. 218 -

C. 29th May 1863

125

1485

No. 1485

Proceedings of the Madras Government Public Works Department

Under date the 10th June 1863

Read the following from the Chief Eng. /C. E. 30th Apl 1863 No. 6765/

List of unanswered orders.

1 The above List containing the orders of Government of more than 3 months standing unanswered by the Chief Engineer and Deputy Chief Engineers refers to the half year ending 30th ~~December~~ September 1862.

Northern Circle.

20th Apl 1861 No. 799.

3d October 1862 " 2370.

To give detailed information regarding the exploration of the Upper Godavery.

5th June 1862 No. 1265

To submit a report of the effects of the flood drainage upon the works denominated "Road Dams" between Nellore and Goodoor.

22d July 1862 No. 1753.

To furnish the Govt. with sufficient information regarding

2 The orders noted in the Margin have been omitted from the List without any explanation.

The Superintending Engineer Concerned are requested to include

the works on the Godavery for the improvement of the navigation of that river.

Southern Circle

5th March 1858 No. 390

23d October 1862 No. 2529

To submit Plans and Estimates for a Central Prison at Cannanore.

12th March 1862 No. 416

To submit charts of the beds of the rivers Cauvery and Coleroon for some Miles both above and below the anicuts by which they are crossed.

Northern Circle

23d February 1856 No. 265

Calls for certain information with regard to 4 roads in Rajahmundry.

17th Septr. 1856 No. 1674

Calls for a revised Estimate for effecting the junction of the East coast Canal with the

the 2d, 4th, and 5th in their future Lists and to omit the 1st and 3d in consequence of the transfer of the Upper Godavery works to the Central Provinces.

Southern High Level Channel at Inkolo.

19 Novr. 1857 No. 2128.

16. " 1861 " 2130

Calls for a revised Estimate for a Metalled road from Nursapoor to Ellore in Rajahmundry.

11th May 1859 No. 1130

Calls for an Estimate for fitting up the Steamer "Trevelyan" purchased for the use of the Godavery District.

5 April 1859 No. 804

Requests that Estimates may be submitted for the Completion of certain roads in Vizagapatam.

26th October 1859 No. 2524

4th Novr. " " 2594

Calls for Plans and Estimates for the proposed new workshops at Dowlaishwaram.

13th Decr. 1859 No. 2891

Requests to submit an Estimate of the value of the building and ground tendered for sale by Mr. Watson for a Commissariat Godown at Cocanada.

3 The Deputy Chief Engineer Northern Circle requests permission to omit these orders from future Lists, but the Government cannot consent to do this on the brief remarks entered opposite to them in the Return under review. If an order is required to be struck off the List, the circumstances rendering such a measure necessary should be laid before Govt. in a separate letter. — This course will now be followed by the Superintending Engineers concerned.

2d March 1860 No 458

To report whether a canal independent of the Coast Canal could be carried out from the Pennair towards Madras.

19th March 1861 No 639

3d October 1862 No 2370

To submit a Plan and Estimate for a Taluq Cutcherry at Atmakur in the Nellore Dist.

3d September 1862 No 2098

20th October " " 2495

Desires that the Deputy Chief Engineer Northern Circle will send in Plans &c illustrative of the proposed scheme for throwing a bund across the Pulicat Lake

22nd February 1861 No. 359

Calling for an Estimate of the outlay required for the experiment of re-establishing a Sanitarium at or near Ispants Range on the Ballipurvatum &c.

4 The application for permission to omit this order from future Lists will be referred to the Military Departt. by which Department the call was originally made.

17th June 1861 No. 1116
3rd Octr. 1862 " 2370

Calls for a report of the expeditions of the "May Flower" up to the Dowlaishwaram barrier.

21st June 1861 No. 1135.

Requests to submit an Estimate of the entire scheme in furtherance of the Upper Godavery Navigation project.

9th November 1861 No. 2146

Requests to obtain a further supply of the mineral No. 2 in order that its Gas yielding capabilities may be further tested.

11th January 1862. No. 3.

Requests to submit a Progress Report of the operations on the Upper Godavery —

5 Permission is granted to omit these Orders from future Lists in consequence of the transfer of the

24th February 1862 No. 292
3rd May — " 938.

Requests to be furnished with a Quarterly Statement shewing the Officers and Subordinates employed in the Upper Godavery and the mode of their employment.

the Upper Godavery works to the Central Provinces.

30th May 1860 No. 1124
Para 4. Calls for a report on the means of keeping open the Godavery navigation.
12th December 1860 No. 2379
30th April 1861. " 870
To submit explanation respecting the accounts of the sale of salt at the Godavery shewing the loss by wastage, if any
26th October 1859. No. 2524
4th November " " 2594
To submit Estimates for completing roads and water communication between Cocanada and Coringa.

6 If by the remarks "obsolete" and "they are now out of date" entered opposite to these Orders, it is intended that they should be removed from future in lists, the course pointed out in para 3 of these Proceedings should be followed by the Superintending Engineer of the 1st Division.

11th September 1861 No 1690

Request to expedite the submission of the report regarding the Establishment necessary to supervise the distribution of the water in the Godavery and Kistnah –

24th January 1862 No 60

Request to obtain and submit from the District Engineer of Nellore a full report on each of the roads refered to by the Collector together with full explanation of the circumstances mentioned in para 4 with regard to the maintenance of a portion of Trunk road No 6.

To submit Plans and Estimates of roads from Kistnapatam ^Nellore to^ and Cokapilly –

3rd June 1862 No 1247

To report specially the results of the new Channel in connection with the Jubbada Projects in the District of Vizagapatam –

7 These orders having been replied to, permission is granted to omit them from future Lists

6th July 1862 No. 1696

To report upon the rates f tolls on passengers and argo Boats plying on the anals in the Godavery District after consulting oth with the District Engr. and Collector -

8th April 1862 No. 715

To submit an Estimate or two Paddle Boats in the Godavery District.

15th April 1862 No. 772.

To submit an application or funds after the close f the Current Official year or metalling the road from Nundial towards Cuddapah.

13th March 1861 No. 508.

To furnish for submission the Home Govt. Photo: graphic views of the works in the Godavery and Kistna

8 It is upwards of two Years since this Order was issued. The Dy. Chief Engr. Mr. Orde in his letter of 31st Octr./62 No. 445 hoped to have the views ready by the following month.
The particular attention of the Supg. Engrs. of the 1st and 2nd Divisions is now called to the subject.

5
33

Central Circle.

19th November 1859 No 1575

Requests that the District Engineer be called upon to prepare a skeleton map of the Canara District according to the new distribution proposed by Mr Kelly and to submit the same for the information of Government.

7th January 1861 No 29

Requests to report ~~the~~ on the result of the arrangements ~~result of the available space~~ ~~available~~ sanctd in regard to the renting of ~~for~~ the wood wharf at Chintadrepett.

25th April 1861 No 845.

Calls for report on the state of the Guindy Sailors House.

28th February 1862 No 328
3d October " " 2370

Requests to submit an Estimate of the probable cost of completely eradicating the prickly pear at Palaveram.

Has this been [illegible] [illegible] expend[illegible] [illegible] [illegible]

13th March 1862 No. 432

Asks to know the period which will elapse before the additional land required for the Annicut across the Jiggley Nullah in Bellary will be taken up.

Southern Circle

8th May 1858 No. 607.
15th April 1857 " 682
26th May 1858 " 997
5th Novr 1861 " 2048
3d October 1862 " 2370

Requests reconsideration of the Meerinjipett Anicut Project.

21st October 1856 No. 1932
3d October 1862 " 2370

Directs that Mr. Fraser's survey of one of the two sites for reservoirs for the storage of water in Coimbatore and an Estimate for a Dam and subsidiary works be submitted.

2d December 1859 No. 2812.

Requests to submit the opinion of the Collector on the proposal to abandon the Tcopoor station and to construct one

9 The Superintending Engineers concerned are requested to expedite the submission of their replies to the Orders marginally noted.

6 35

one at Adamancotta in lieu.

22d. January 1862 No. 42

Requests that a report on the state of the Arasadi salt road in Tinnevelly authorized to be covered with coral stone may be furnished after the experience of a years traffic

18th. August 1862 No. 1962

Calls for Plans and Estimates for constructing a road from the foot of the Travancore Hills near Goodalore in the Cumbum Valley, Madura District.

11th. June 1861 No. 1080

Calls for Plan and Estimate for the repair of the Pommel Tank.

18th. December 1861 No. 2328.

Requests the Chief Engineer to have the requisite surveys and Plans &ca. prepared for the restoration of the Pommel Tank near Palaveram.

10 The Superintending Engineer of the 4th. Division is requested to state what progress has been made in the preparation of the plans and estimates called for in the orders of Government noted in the margin.

Periodical Returns
List of architectural
Remains.

11 The List from the Deputy Chief Engineer of the Northern Circle has been received, and the Superintending Engineers concerned are requested to submit their lists without further delay.

Charts of the beds of the rivers Godavery and Kistnah Cauvery and Coleroon.

12 The Deputy Chief Engineer of the Northern Circle has submitted sketches showing the beds of the Kistna and the Superintending Engineers of the 1st and 6th Divisions are requested to submit charts of the other three rivers at an early date.

13th March 1857 No. 255.

Desires that, when the boundaries of the several Zemindaries shall have been laid down, the omission which still exists in the Tabular statement of area of each Collectorate may be supplied.

23d December 1858 No. 2777.

Calling for a report on the records of the Cantonment Plans kept in the Central and Executive Engineers office.

18th June 1860 No. 1287.

Communicating for remarks on suggestions para 6 of an order of Govt. in the Military Department regarding the ventilation required to Hospitals.

30th July 1861 No. 1509.

Requests to be furnished with information on the subject of officers holding purely Civil appointments receiving a fixed Consolidated salary not varying with their Military rank.

4th October 1861 No. 1825 }
17th June 1862 No. 1376 }

Awaits the further reports promised by the Chief Engineer as to the manner in which Mr. Kennedy's services may be more profitably utilized ~~when submitting the report on the Establishment required for the Presidency Workshops & Store Department~~.

13 In the orders marginally cited the late Chief Engineer was requested to submit certain reports and information. In consequence of the abolition of the appointment of the Chief Engineer, The Secretary to Govt. in this Departt. has undertaken to furnish replies to ~~some of~~ ~~them~~ those marked A. Those ~~remaining ones marked B will~~ be taken up by the Superintending Engineers concerned.

17th April 1862 No. 798.

To report whether it would be advisable to build temporary sheds instead of granting Office rent to the Officers of D.P.W.

5th June 1862 No. 1264.

To report to Government the result of the Committee's Proceedings respecting the timber to be purchased for the use of the D.P.W.

19th June 1862 No. 1395.

P2. Requests the Chief Engineer to submit a statement of the outlay in each District on account of "Extra Establishment" during the year 1861, prepared under the following heads.

(1) Those not directly employed as Workmen

2) Those actually employed as such & [illegible] charged under the head "Extra Establishment."

P3. Requests also to report in what manner he proposes hereafter to meet the salaries of those (not actually workmen) who have hitherto been employed on works and paid from sanctioned Estimate.

4th July 1862 No. 1564.

Requesting the Chief Engineer to report whether there is still any necessity for sending the 12 Horse Power Pumping Engine called for by the Secretary of State. 1st Do.

11th August 1862 No. 1906.

To submit a report at the

the close of one season on the result of the shutter to one of the head-sluices in the Babberlunka of the Godavery anicut. — 1st Do.

26th Augt 1862 No 2936

To submit Plans & Estimates for flushing the drains of the European Barracks at Cannanore & Bellary. — 3d and 4th Do.

~~8th September 1862 No 2148.~~

~~Desires to be informed whether funds can be allotted from Public Works Budget for the current year for constructing the proposed school-room at Cannanore.~~ 7 B

17th September 1862 No 2227
9th February " " 323

P. 5 To report the number of Steam Dredges that are actually required in the District of Godavery &c. 1st Do.

P. 7. To state also what number of boats are required for the Godavery works. 1st Do.

30th September 1862 No 2340

Awaiting the report of the result on the experiment made by the Horizontal Wind Engine at Chepauk Compound. 4th Do.

Chief Engineer.

27th March 1857 No. 563
1st May " " 839
11th August " " 1559
9th July /62 " 1601
8th September " " 2149

Calls for Lists of Neranceum Establishment.

3rd September /62 No. 2103
18 " " " 2237

To submit the opinion of all the District Engineers on the subject of the Cashing of Cheques by Tasildars and the security which the system affords against fraud.

Northern Circle

~~31st July 1859 No. 1751~~
~~17th September 1859 No. 2240~~

~~Requesting to report on the present depth and general condition of the northern part of the Duggarazpatam Canal in the Nellore District.~~

25th June 1860 No. 1331

To report on the effect of the groynes in protecting the lands endangered by the encroachments of the Pennair at Nellore.

8th January 1859 No. 68
2d October 1860 No. 2046

To report on the surface friction of Boats in the Godavery.

Central Circle

17th October 1861 No. 1912.

Requests to report whether the lantern for the Pulicat Light House has been fixed and the light exhibited as yet.

14 These orders should have been included in the List as they were not replied to within the period for which the List is ~~now~~ submitted

9 41

15. Opposite to many of the orders inserted in the List the Government observe the entry of the same general remark ? vide letter to Govt. This is very indefinite. The Govt request that the Superintending Engineers will in future Lists, state distinctly whether ~~or not~~ the order has been replied to.

16. There has been a delay of nearly 4 months in the submission of this List. ~~and~~ The Superintending Engineers are requested to arrange for the punctual submission of ~~their Lists in future~~ future Returns.

W.B.

To The Supd. Engrs. of Pres.
— " — Military Depts.

Dept. 12th June

Public Works 1863 Departt
Pro: of Govt for June.

No 1485.

Proceedings of the Madras Government.

Dated 10th June 1863.

Endorsement of the Chief Engineer submitting the List of Unanswered References for the half year Ending 31st December 1862.

No 218-219.

c. 29th May 1863 Rd 1st June